

New Continuation Application
Attorney Docket: 238745US-90CONT
Preliminary Amendment filed herewith
Inventor: Yasutaka Ito et Al.

IN THE CLAIMS

Claims 1-11 (Canceled).

Claim 12 (New): A ceramic heater comprising a nitride ceramic plate or a carbide ceramic plate and a heating element formed inside of the ceramic plate,

wherein:

a bottomed hole is made, being directed from the opposite side to a heating surface for heating an object to be heated, toward the heating surface;

the bottom of said bottomed hole is formed relatively nearer to the heating surface than the heating element;

a temperature-measuring element is set up in said bottomed hole;

and the distance between the bottom of said bottomed hole and said heating surface is from 0.1mm to $\frac{1}{2}$ of the thickness of the ceramic plate.

Claim 13 (New): The ceramic heater according to Claim 12,

wherein said temperature-measuring element is pressed on the bottom portion of said bottomed hole.

Claim 14 (New): The ceramic heater according to Claim 12,

wherein said temperature-measuring element is pressed on the bottom portion of said bottomed hole by means of an elastic body or a screw.

Claim 15 (New): The ceramic heater according to Claim 12,

wherein said heating element is divided into at least two circuits.

Claim 16 (New): The ceramic heater according to Claim 12,

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wherein said heating element has a section in a flat shape.